

T A R , N I C O T I N E  
A N D  
D A T A S U M M A R Y  
B Y C O M P A N Y F O R T E S T  
P A R T I A N D P A R T I I

PM3000762534

PART I

<u>American Brands</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Carlton KFHP	*	0.05±0.003	0.6±0.04
Carlton KFSP	0.8±0.1	0.14±0.01	1.8±0.1
Carlton KFM	0.5±0.1	0.11±0.01	1.3±0.1
Carlton 100's 100F	4.0±0.3	0.41±0.02	6.1±0.3
Pall Mall KNF	24.3±0.3	1.48±0.02	17.7±0.4
Pall Mall Light 100's 100F	10.9±0.3	0.92±0.02	11.1±0.3
Tareyton KF	13.4±0.3	0.92±0.02	15.1±0.3
Tareyton Long Lights 100F	7.5±0.2	0.67±0.02	8.3±0.3

\* Not possible to determine precisely with current methodology.  
Number calculated was ~ 0.04±0.1.

## PART II

<u>American Brands</u>	<u>Tar mg/cigt.</u>	<u>Nicotine mg/cigt.</u>	<u>CO mg/cigt.</u>
American Lights 120F	6.9±0.3	0.68±0.03	7.4±0.3
American Lights 120FM	8.3±0.2	0.81±0.03	8.4±0.3
Bull Durham KF	27.5±0.5	1.88±0.04	23.6±0.7
Carlton 100's 100FM	3.6±0.2	0.37±0.02	5.5±0.4
Half & Half KF	18.9±0.6	1.62±0.05	14.8±0.5
Herbert Tareyton KNF	25.6±0.6	1.66±0.04	18.1±0.5
Iceberg 100's 100FM	2.8±0.1	0.30±0.02	4.4±0.2
Long Johns 120F	15.9±0.5	1.32±0.04	17.3±0.6
Long Johns 120FM	13.4±0.3	1.21±0.03	15.8±0.5
Lucky Strike RNF	23.8±0.3	1.42±0.02	17.5±0.5
Lucky Ten KF	8.1±0.3	0.69±0.03	10.2±0.4
Lucky 100's 100F	2.8±0.2	0.29±0.02	4.7±0.3
Montclair KFM	14.6±0.4	1.02±0.03	15.2±0.3
Pall Mall KF	17.1±0.3	1.18±0.03	17.4±0.5
Pall Mall 100F	16.7±0.3	1.29±0.02	16.2±0.3
Pall Mall Extra Light KF	6.2±0.4	0.60±0.03	7.0±0.2
Pall Mall Light 100's 100FM	12.3±0.3	1.05±0.03	12.0±0.2
Silva Thins 100F	11.8±0.3	1.05±0.02	10.0±0.3
Silva Thins 100FM	10.5±0.5	0.87±0.04	9.9±0.4
Tall 120F	16.8±0.4	1.41±0.04	19.3±0.6
Tall 120FM	14.6±0.5	1.28±0.03	16.2±0.5
Tareyton 100F	13.1±0.3	0.95±0.02	15.6±0.4
Tareyton Lights KF	6.6±0.2	0.60±0.02	7.7±0.2
Tareyton Ultra Low Tar KFM	1.1±0.2	0.15±0.01	1.4±0.2
Twist 100FM	15.4±0.3	1.26±0.03	15.4±0.4

Part I

<u>Brown &amp; Williamson</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Kool KFMSP	16.1±0.4	1.25±0.02	16.9±0.4
Kool Milds KFM	11.7±0.3	0.95±0.02	13.4±0.4
Kool Super Lights KFM	7.3±0.2	0.71±0.02	8.4±0.3
Kool Super Lights 100FM	8.8±0.2	0.75±0.02	10.4±0.4
Raleigh Lights KF	8.6±0.2	0.77±0.01	10.5±0.4
Viceroy KF	14.4±0.3	1.00±0.02	16.9±0.3
Viceroy Rich Lights KF	8.5±0.3	0.77±0.02	10.3±0.4
Viceroy Rich Lights 100F	8.6±0.2	0.78±0.02	11.3±0.3

Part II

<u>Brown &amp; Williamson</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Arctic Lights KFM	7.9±0.2	0.73±0.02	9.2±0.2
Arctic Lights 100FM	8.6±0.2	0.80±0.03	10.5±0.3
Belair KFM	8.6±0.3	0.82±0.02	10.2±0.2
Belair 100FM	8.0±0.2	0.70±0.02	9.4±0.3
DuMaurier KFHP	14.2±0.4	0.96±0.03	16.4±0.4
Kool RNFM	18.8±0.8	1.12±0.05	14.3±0.4
Kool KFMHP	15.6±0.5	1.29±0.03	16.0±0.4
Kool 100FM	14.8±0.3	1.12±0.02	16.8±0.3
Kool International 100FMHP	8.1±0.3	0.71±0.02	10.1±0.5
Kool Milds 100FM	11.9±0.3	1.07±0.03	12.8±0.3
Raleigh KNF	23.9±0.4	1.43±0.03	18.2±0.4
Raleigh KF	15.5±0.4	1.05±0.03	17.2±0.3
Raleigh 100F	15.8±0.5	1.16±0.03	17.7±0.5
Raleigh Lights 100's 100F	8.6±0.2	0.80±0.02	11.3±0.3
Viceroy Super Longs 100F	14.8±0.3	1.14±0.03	17.0±0.4

Part I

<u>Liggett &amp; Myers</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Chesterfield KNF	28.2±0.4	1.81±0.03	19.0±0.3
Decade KF	5.1±0.2	0.50±0.03	3.6±0.2
Decade 100F	8.6±0.2	0.82±0.02	6.9±0.2
L & M KFSP	14.9±0.4	1.06±0.03	14.9±0.2
L & M Lights KF	8.1±0.3	0.77±0.02	5.6±0.2
L & M Lights 100F	8.3±0.3	0.80±0.03	6.1±0.3
Lark Lights 100F	7.6±0.2	0.66±0.01	8.0±0.2

Part II

<u>Liggett Group</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Chesterfield RNF	23.4±0.5	1.45±0.03	14.8±0.4
Chesterfield KF	14.8±0.4	1.01±0.02	14.6±0.3
Chesterfield 101 100F	15.8±0.2	1.14±0.02	16.3±0.5
Decade KFM	4.5±0.2	0.44±0.01	3.3±0.2
Eve 100F	14.9±0.3	1.16±0.03	14.7±0.3
Eve 100FM	14.3±0.5	1.11±0.03	14.6±0.5
Eve 120's 120FHP	12.9±0.3	1.09±0.03	12.1±0.4
Eve 120's 120FMHP	12.5±0.5	1.05±0.04	12.0±0.5
Fatima KNF	27.5±0.5	1.74±0.04	18.1±0.5
Home Run RNF	21.2±0.9	1.25±0.03	18.5±0.6
L & M KFHP	14.0±0.3	0.95±0.03	14.3±0.3
L & M 100F	15.6±0.3	1.13±0.03	16.0±0.4
L & M 100FM	15.7±0.4	1.14±0.03	15.9±0.4
Lark KF	15.6±0.3	1.17±0.03	15.4±0.4
Lark 100F	16.7±0.3	1.25±0.02	16.8±0.5
Lark II KF	7.5±0.2	0.68±0.02	7.4±0.2
Lark Lights KF	7.5±0.2	0.62±0.02	7.8±0.2
Oasis KFM	14.9±0.3	1.02±0.03	14.7±0.5
Picayune RNF	23.6±0.5	1.44±0.03	19.6±0.6
Piedmont RNF	22.0±0.4	1.37±0.03	13.8±0.5
St. Moritz 100F	14.5±0.2	1.14±0.03	14.3±0.4
St. Moritz 100FM	14.3±0.3	1.14±0.03	14.1±0.4

Part I

<u>Lorillard</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Golden Lights KF	7.7±0.2	0.76±0.02	7.7±0.3
Golden Lights 100FM	8.1±0.3	0.82±0.03	8.3±0.4
Kent III KF	2.8±0.2	0.39±0.02	3.2±0.2
Kent III 100F	4.3±0.2	0.54±0.01	6.5±0.2
Triumph KF	2.8±0.2	0.41±0.03	3.3±0.3
True KF	4.9±0.2	0.47±0.02	5.6±0.2
True KFM	4.9±0.1	0.47±0.01	5.7±0.2



Part II

<u>Lorillard</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Aspen KFM	8.1±0.2	0.80±0.02	9.4±0.3
Aspen 100FM	8.2±0.3	0.84±0.02	9.2±0.4
Golden Lights KFM	7.0±0.3	0.72±0.03	7.6±0.4
Golden Lights 100F	7.6±0.2	0.79±0.02	7.6±0.4
Kent Micronite II KFHP	11.8±0.3	0.96±0.02	11.8±0.4
Kent Micronite II KFSP	12.3±0.3	1.01±0.02	12.7±0.5
Kent Micronite II 100F	14.2±0.3	1.17±0.03	13.3±0.4
Kent Micronite II 100FM	13.9±0.4	1.21±0.02	12.9±0.3
Max 120F	17.3±0.3	1.54±0.03	15.8±0.3
Max 120FM	17.4±0.3	1.55±0.04	15.9±0.5
Newport KFMHP	15.8±0.5	1.26±0.03	16.1±0.4
Newport KFMSP	17.0±0.3	1.34±0.03	17.1±0.3
Newport 100FM	19.2±0.3	1.54±0.03	19.4±0.5
Newport Lights KFM	9.0±0.2	0.86±0.02	9.8±0.3
Old Gold Straights KNF	25.6±0.3	1.67±0.03	17.6±0.2
Old Gold Filters KF	16.3±0.2	1.29±0.02	17.0±0.4
Old Gold 100's 100F	18.5±0.2	1.46±0.03	18.4±0.5
Old Gold Lights KF	8.9±0.3	0.82±0.03	9.8±0.4
Spring 100's 100FM	18.3±0.2	1.08±0.02	17.1±0.4
Triumph KFM	2.3±0.1	0.34±0.01	2.9±0.1
True 100's 100F	8.4±0.5	0.67±0.03	10.2±0.5
True 100's 100FM	9.4±0.6	0.71±0.03	11.5±0.8

Part I

<u>Philip Morris</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Benson & Hedges 100's 100FSP	15.9 16.3±0.3	1.13 1.18±0.02	17.6 16.1±0.4
Benson & Hedges Lights 100F	9.7 10.1±0.3	0.77 0.81±0.02	13.7 12.6±0.5
Marlboro KFSP	16.2 16.3±0.3	1.09 1.13±0.02	17.6 15.7±0.4
Marlboro Lights KF	11.2 11.6±0.3	0.82 0.85±0.01	14.2 12.6±0.4
Marlboro Lights 100F	10.6 11.4±0.3	0.78 0.87±0.02	14.7 13.6±0.3
Merit KF	7.7 8.0±0.2	0.57 0.64±0.01	11.5 10.9±0.3
Parliament Lights KFSP	9.2 9.4±0.2	0.72 0.76±0.01	11.3 10.5±0.3
Virginia Slims 100F	14.8 14.9±0.3	0.99 1.05±0.01	16.0 14.7±0.4

Part II

<u>Philip Morris</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Alpine KFM	14.7 14.7±0.3	0.96 0.97±0.02	15.8 13.8±0.3
Benson & Hedges RFHP	0.6 0.6±0.1	0.12 0.10±0.01	1.3 1.3±0.1
Benson & Hedges KFHP	15.6 15.8±0.5	1.31 1.36±0.03	14.5 13.2±0.5
Benson & Hedges 100's 100FHP	15.5 15.9±0.7	1.11 1.12±0.02	17.4 15.5±0.3
Benson & Hedges 100's 100FMHP	15.8 15.4±0.3	1.12 1.11±0.02	17.7 15.5±0.3
Benson & Hedges 100's 100FMSP	15.7 15.5±0.3	1.15 1.12±0.03	18.0 15.7±0.5
Benson & Hedges Lights 100FM	9.8 10.0±0.2	0.76 0.79±0.02	12.9 12.0±0.3
English Ovals RNFHP	22.0 21.9±0.4	1.74 1.79±0.04	13.2 12.4±0.4
English Ovals KNFHP	22.8 27.4±0.5	2.25 2.30±0.06	15.6 15.4±0.4
Galaxy KF	16.1 15.3±0.4	1.04 1.05±0.02	18.3 15.6±0.5
Marlboro KFHP	15.5 15.5±0.3	1.04 1.04±0.02	16.4 14.7±0.3
Marlboro KFMHP	14.5 13.9±0.4	0.96 0.94±0.03	14.6 12.7±0.3
Marlboro KFMSF	14.1 13.9±0.3	0.92 0.93±0.02	15.7 13.6±0.3
Marlboro 100FHP	15.6 15.4±0.3	1.11 1.10±0.02	17.1 15.5±0.5
Marlboro 100FSP	15.9 15.6±0.3	1.10 1.16±0.02	17.6 15.4±0.3
Merit KFM	7.3 7.4±0.2	0.54 0.60±0.02	11.4 10.4±0.3
Merit 100's 100F	9.2 9.3±0.3	0.72 0.76±0.02	12.4 11.5±0.4
Merit 100's 100FM	9.9 9.6±0.2	0.75 0.77±0.02	13.0 12.1±0.4
Multifilter KF	11.2 10.9±0.3	0.81 0.79±0.02	11.9 10.5±0.4
Multifilter KFM	11.8 11.3±0.3	0.78 0.80±0.02	12.5 10.8±0.3
Parliament Lights KFHP	8.4 8.3±0.2	0.61 0.68±0.02	10.2 9.3±0.3
Parliament Lights 100's 100F	11.4 11.1±0.2	0.91 0.95±0.02	11.6 10.8±0.2
Philip Morris RNF	21.6 21.1±0.4	1.47 1.40±0.03	13.8 12.5±0.3
Philip Morris Commander KNF	25.4 26.2±0.4	1.66 1.71±0.04	16.7 15.6±0.4
Philip Morris Int. 100FHP	17.5 17.5±0.3	1.21 1.19±0.02	19.8 17.6±0.4
Philip Morris Int. 100FMHP	17.0 16.5±0.3	1.12 1.07±0.02	19.0 16.5±0.4
Players RNFHP	23.8 24.1±0.4	1.89 1.98±0.04	15.4 14.2±0.4
Saratoga 120FHP	15.4 14.9±0.4	1.12 1.08±0.03	18.1 15.6±0.4
Saratoga 120FMHP	14.8 14.6±0.3	1.06 1.06±0.03	16.7 15.3±0.3
Virginia Slims 100FM	14.4 14.3±0.4	0.99 1.02±0.02	16.4 14.3±0.4
Virginia Slims Lights 100FHP	8.3 7.9±0.3	0.62 0.64±0.02	9.7 8.6±0.3
Virginia Slims Lights 100FMHP	8.6 8.2±0.3	0.67 0.70±0.02	11.0 9.2±0.3

FTC 10% higher than TITL  
for CO

Part I

<u>R. J. Reynolds</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Camel RNF	26.2±0.4	1.93±0.04	18.1±0.3
Camel Lights KF	10.1±0.3	0.96±0.02	10.8±0.3
Doral II KF	5.1±0.3	0.49±0.03	4.6±0.3
More 120F	21.9±0.5	1.80±0.03	24.0±0.6
Now KFSP	1.9±0.1	0.25±0.01	2.6±0.2
Salem KFMSF	15.8±0.2	1.18±0.02	16.8±0.3
Vantage KF	10.6±0.3	0.87±0.02	14.7±0.4
Vantage Ultra Light KF	5.9±0.1	0.58±0.01	8.4±0.2
Winston KFSP	19.5±0.6	1.45±0.04	18.3±0.3

Part II

<u>R.J. Reynolds</u>	<u>Tar</u> <u>mg/cigt.</u>	<u>Nicotine</u> <u>mg/cigt.</u>	<u>CO</u> <u>mg/cigt.</u>
Brookwood KFM	7.1±0.2	0.74±0.02	7.4±0.3
Camel KF	19.0±0.4	1.38±0.03	17.6±0.4
Camel Lights 100F	12.2±0.3	1.01±0.02	14.0±0.4
Doral KF	11.9±0.3	0.99±0.02	11.0±0.3
Doral KFM	11.6±0.4	0.94±0.03	11.1±0.4
Doral II KFM	4.9±0.2	0.47±0.02	4.5±0.3
More 120FM	20.6±0.7	1.76±0.04	22.7±0.9
Now KFHP	1.6±0.1	0.20±0.01	2.4±0.1
Now KFMHP	1.7±0.1	0.21±0.01	2.4±0.1
Now KFMSF	1.7±0.2	0.22±0.01	2.6±0.2
Real KF	9.7±0.3	0.92±0.02	10.7±0.3
Real KFM	8.5±0.2	0.85±0.02	9.3±0.4
Salem KFMHP	15.8±0.4	1.19±0.03	16.1±0.4
Salem 100FM	18.7±0.3	1.46±0.03	17.3±0.4
Salem Lights KFM	10.7±0.2	0.88±0.02	12.5±0.3
Salem Light 100's 100FM	10.8±0.3	0.98±0.02	11.0±0.4
Tempo KF	6.6±0.3	0.60±0.02	8.2±0.4
Vantage KFM	10.0±0.2	0.81±0.02	14.4±0.4
Vantage 100's 100F	11.0±0.2	0.97±0.02	14.9±0.3
Winston KFHP	17.5±0.4	1.30±0.03	16.1±0.5
Winston 100F	18.1±0.3	1.37±0.03	17.8±0.3
Winston 100FM	15.8±0.4	1.29±0.03	14.7±0.5
Winston Lights KF	13.3±0.3	1.10±0.02	13.5±0.3
Winston Lights 100's 100F	12.3±0.2	1.01±0.02	14.4±0.4